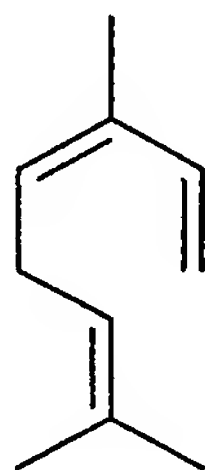


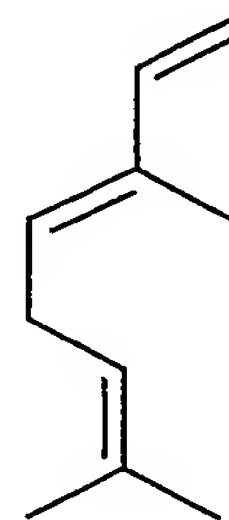
## Claims

1. A composition comprising an isolated compound in combination with one or more carriers for use as a molluscicidal and/or mollusc-repellant agent, wherein the compound is a terpene or oxygenated derivative thereof, the terpene is selected from:

I)

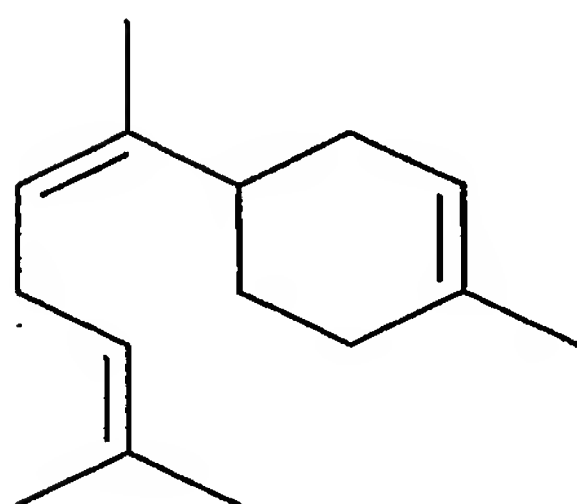
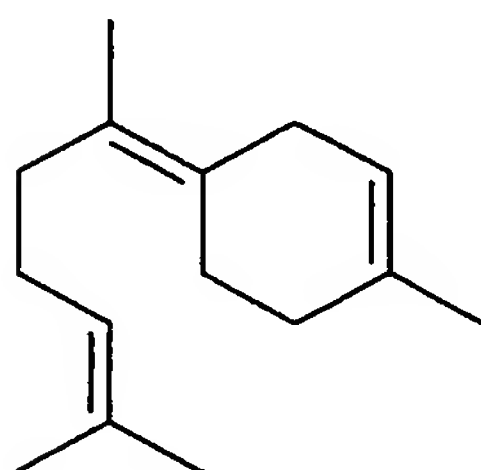
cis- $\beta$ -Ocimene

and

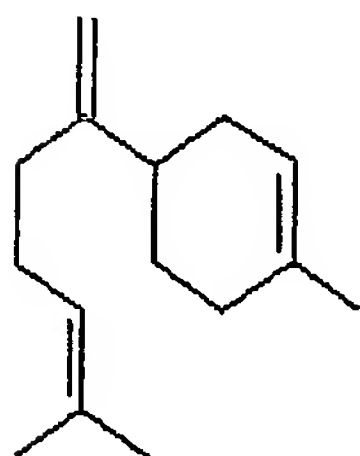
trans- $\beta$ -Ocimene;

II) monocyclic sesquiterpenes of the bisabolene, bisabolol or germacrene type; and III) bicyclic sesquiterpenes of the santalene or carophyllene type.

2. The composition of claim 1, wherein the compound is

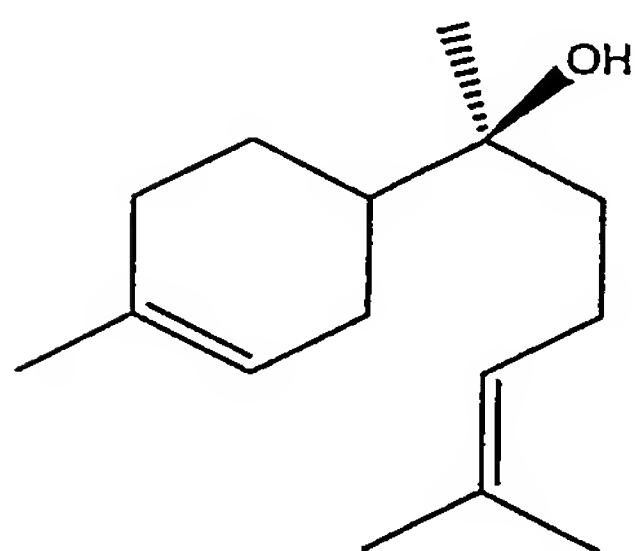
 $\alpha$ -bisabolene,

$\gamma$ -bisabolene, or



5  $\beta$ -bisabolene.

3. The composition of claim 1, wherein the compound is

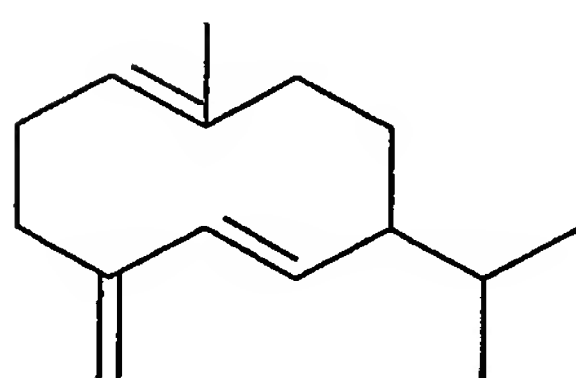


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$\alpha$ -Bisabolol

4. The composition of claim 1, wherein the compound is

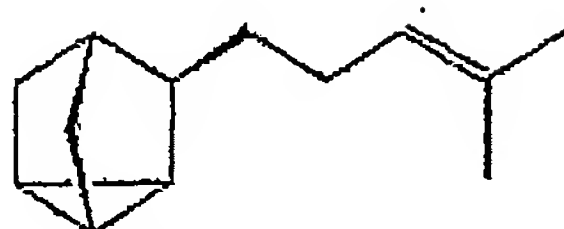
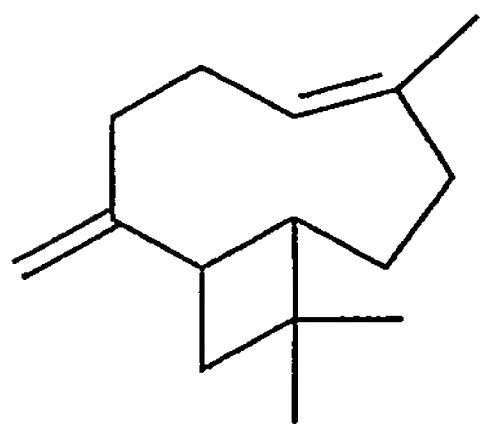
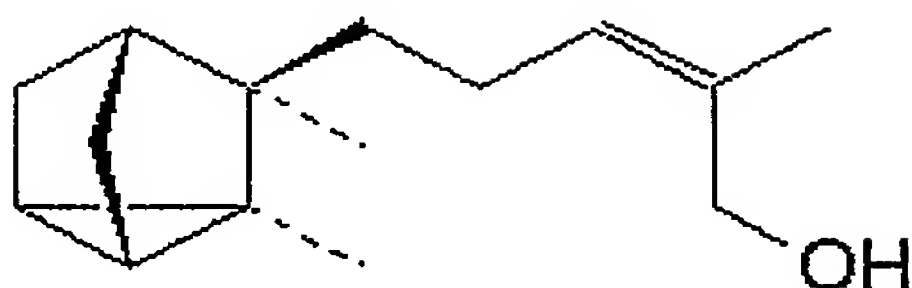
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germacrene D.

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5. The compound of claim 1, wherein the compound is

 $\alpha$ -santalene5  $\beta$ -Carophyllene10  $\alpha$ -santalolor  $\beta$ -santalol

6. The composition according to any one of the preceding claims, wherein the carrier is a heterologous carrier.

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7. The composition according to any one of the preceding claims, wherein the compound is obtained from a plant in the genera *Detarium*, *Ximenia*, *Polygonum*, *Commiphora* or *Boswellia*.

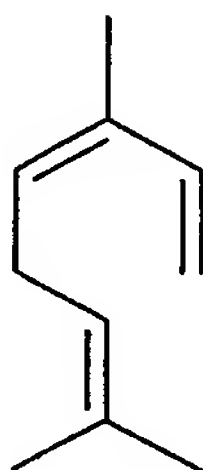
20 8. The composition according to claim 7, wherein the plant is *Detarium microcarpum*, *Ximenia americana*, *Polygonum limbatum*, *Commiphora molmol*, *Commiphora guidotti* or a *Boswellia* sp.

9. The composition according to claim 8, wherein the plant is *Commiphora*  
25 *molmol* or *Commiphora guidotti*.

10. The composition according to any one of the preceding claims, wherein the carrier is a particulate.
11. The composition according to claim 10, wherein the particulate is sand, sharp sand, pumice granules, sawdust, wood chips or corncob chips.
12. The composition according to claim 10, wherein the particulate is sawdust.
13. The composition according to any one of claims 1 to 9, wherein the composition is in a formulation capable of being sprayed.
14. The composition according to claim 13, wherein the carrier is an aqueous solution comprising between 1 and 10% alcohol in water.
15. The composition according to one of the any preceding claims, in combination with an effector agent.
16. The composition according to claim 15 wherein the effector agent is a fertiliser or a pesticide.
17. The composition according to any of the preceding claims, which contains between 0.1 and 5%v/v compound.
18. The composition according claim 17, which contains between 0.1 and 3%v/v compound.
19. The composition according to claim 18, which contains between 0.25 and 1%v/v compound.
20. The use of the composition according to any one of the preceding claims as a molluscicidal and/or mollusc-repellent agent.

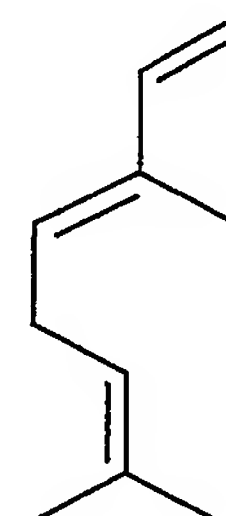
21. The use of an isolated compound as a molluscicidal and/or mollusc-repellant agent, wherein the isolated compound is a terpene or oxygenated derivative thereof, the terpene is selected from:

5 I)



cis- $\beta$ -Ocimene

and



trans- $\beta$ -Ocimene;

- 10 II) monocyclic sesquiterpenes of the bisabolene, bisabolol or germacrene type; and
- III) bicyclic sesquiterpenes of the santalene or carophyllene type.

15 22. The use according to claim 21 wherein the compound is combined with one or more carriers.

23. The use according to claim 21 or 22 wherein the compound is used in combination with one or more effector agents.

20 24. The use according to any of claims 20 to 23 wherein the molluscicidal and/or mollusc-repellant is effective against both aquatic and terrestrial molluscs.

25 25. The use of plant material derived from a plant in the plant family *Caesalpiniaceae*, *Olaceae*, *Polygonaceae* or *Bursecaceae* as an anti-barnacle agent.

26. The use according to claim 25, wherein the plant material is obtained from a plant in the genera *Detarium*, *Ximenia*, *Polygonum*, *Commiphora* or *Boswellia*.

27. The use according to claim 26, wherein the plant is *Detarium microcarpum*, *Ximenia americana*, *Polygonum limbatum*, *Commiphora molmol*, *Commiphora guidotti* or a *Boswellia sp.*

5 28. The use according to claim 27, wherein the plant is *Commiphora molmol* or *Commiphora guidotti*.

29. The use according to any one of claims 25 to 28, wherein the plant material is in the form of particles or a powder.

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30. The use according to any one of claims 25 to 29, wherein the plant material comprises substantially the whole plant.

15 31. The use according to any one of claims 25 to 29, wherein the plant material comprises bark, leaves or a shoot of the plant.

32. The use according to any one of claims 25 to 28, wherein the plant material is an alcoholic extract of the plant.

20 33. The use according to claim 32, wherein the plant material is an alcoholic extract of the essential oil of the plant.

34. The use according to any one of claims 25 to 28, wherein the plant material is a substantially isolated compound.

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35. The use according to claim 34, wherein the substantially isolated compound is used in combination with a carrier.

30 36. The use according to any of claims 25 to 35 wherein the plant material is used in combination with an effector agent.

37. The use according to any of claims 25 to 36 wherein the plant material is used as a paint-like preparation.

38. An anti-barnacle composition comprising an isolated compound and one or more carriers for use as an anti-barnacle agent, wherein the compound is a terpene or oxygenated derivative thereof, the terpene is cis- $\beta$ -ocimene or trans- $\beta$ -ocimene, or an oxygenated derivative thereof.

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39. The composition according to claim 38, which is suitable for applying to surfaces that come into contact with barnacles.

40. The composition according to claim 38 or 39, which contains between 0.1 and 10 50% v/v compound.

41. The composition according to claim 40, which contains between 3 and 25% v/v compound.

15 42. The composition according to claim 41, which contains between 6 and 25% v/v compound.

43. The composition according to any one of claims 38 to 42, for use in combination with an effector agent.

20

44. The use of the composition according to any one of claims 38 to 42 as an anti-barnacle agent.

25 45. The use of cis- $\beta$ -ocimene or trans- $\beta$ -ocimene, or an oxygenated derivate thereof as an anti-barnacle agent.

46. The use according to claim 45, wherein the compound is combined with one or more carriers.

30 47. The use according to claim 45 or 46, wherein the compound is combined with an effector agent.

48. A method of forming a stable water emulsion comprising an essential oil, a surfactant and water, wherein the essential oil and the surfactant are mixed together prior to addition of the water.